

Comparisons of Job Characteristics

Focus Occupation: [First-Line Supervisors of Production and Operating Workers \(51-1011\)](#)
Associated Occupation: [Electrical and Electronic Equipment Assemblers \(51-2022\)](#)

[Compare Knowledge](#)
[Compare Skills](#)
[Compare Abilities](#)
[Compare Detailed Work Activities](#)
[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 85

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|---|
| Production and Processing | 6.0 | 8.4 | 17.4 | >> Current knowledge level is likely more than sufficient |
| Mechanical | 6.8 | 5.5 | 10.9 | >> Current knowledge level is likely more than sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation |
|---|---------------------------------|--------------------------------|---------------------------|---|
| Operation Monitoring | 6.6 | 9.4 | 8.1 | < A higher skill level may be required |
| Operation and Control | 5.4 | 8.0 | 5.1 | << Extensive development of skills in this area may be required |
| Installation | 1.7 | 3.1 | 1.0 | << Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 72

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)
Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Near Vision | 11.1 | 12.7 | 10.2 | < | Some improvement in abilities may be required |
| Arm-Hand Steadiness | 6.8 | 12.2 | 6.4 | << | Extensive improvement in abilities may be required |
| Finger Dexterity | 7.6 | 12.2 | 7.0 | << | Extensive improvement in abilities may be required |
| Manual Dexterity | 6.5 | 11.9 | 6.0 | << | Extensive improvement in abilities may be required |
| Visualization | 7.5 | 11.5 | 8.1 | << | Extensive improvement in abilities may be required |
| Visual Color Discrimination | 6.4 | 8.6 | 4.7 | << | Extensive improvement in abilities may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 65

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

| Work Activities | Exclusivity of Activity |
|--|-------------------------|
| Consult with managerial or supervisory personnel | 60 |
| Demonstrate or explain assembly or use of equipment | 61 |
| Examine products or work to verify conformance to specifications | 15 |
| Maintain production or work records | 19 |
| Read blueprints | 10 |
| Read work order, instructions, formulas, or processing charts | 9 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 73

Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)

Associated Occupation: Electrical and Electronic Equipment Assemblers (51-2022)

| Tools and Technologies | Exclusivity |
|--|-------------|
| Computers | 1 |
| Content authoring and editing software | 1 |
| Finance accounting and enterprise resource planning ERP software | 2 |
| Information exchange software | 1 |
| Safety apparel | 4 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.